

14. Attach the cable to the left-hand brake lever.
15. Attach the other end of the cable to the lever on the brake pedal or brake lever (ATC70 models).
16. Install the cable into the receptacle on the frame.
17. Install the fuel tank and the seat/rear fender assembly.
18. Adjust the rear brake as described in Chapter Three.

### REAR BRAKE PEDAL

**NOTE**

The ATC70 model does not have a brake pedal. The rear brake is actuated by the left-hand brake lever only.

### Removal/Installation (ATC90 and ATC110)

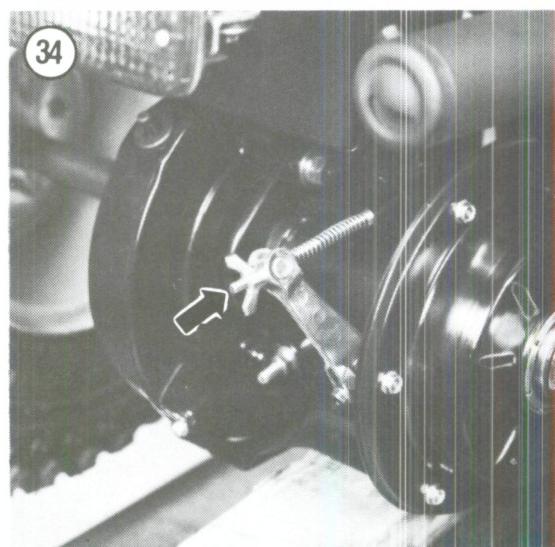
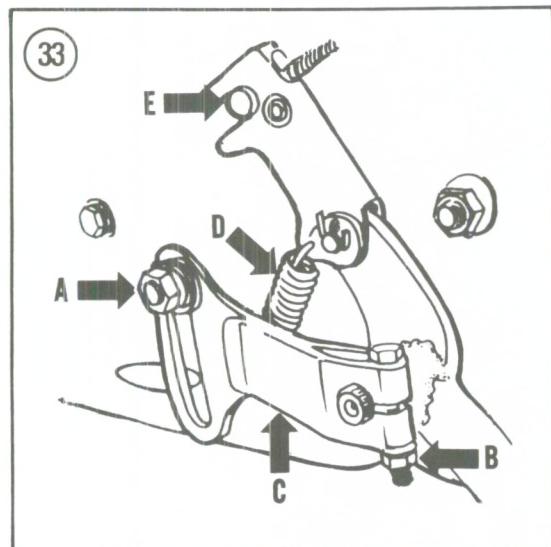
1. Set the ATC on level ground and block the front wheel so the vehicle will not roll in either direction.
2. Remove the drive chain adjust nut (A, Figure 33) from the chain tensioner arm.
3. Remove the clamping bolt and nut (B, Figure 33) on the chain tensioner arm and remove the tensioner arm (C, Figure 33).
4. Remove the return spring (D, Figure 33) from the brake pedal.
5. Loosen the locknut and the adjust nut (Figure 32) on the brake cable.
6. Pull the cable out of the receptacle on the frame.
7. Remove the cable end (E, Figure 33) from the lever on the brake pedal arm.
8. Slide the brake pedal off the pivot shaft on the frame. Note the location of any washers, as they must be reinstalled in the same position.

9. Install by reversing these removal steps, noting the following.

10. Apply grease to the pivot shaft prior to installing the brake pedal. Be sure that the return spring is properly attached.
11. Adjust the rear brake as described in Chapter Three.

### Removal/Installation (ATC125M)

1. Set the ATC on level ground and set the parking brake.
2. Remove the seat/rear fender assembly.
3. Completely unscrew the adjust nut on the brake rod at the brake lever (Figure 34).
4. Pull the brake rod out of the pivot pin in the brake lever.
5. At the brake pedal assembly, loosen the locknut and the adjust nut (Figure 32) on the brake cable.
6. Pull the cable out of the receptacle on the frame.
7. Remove the cable end from the lever on the brake pedal arm.
8. Remove the return spring from the brake pedal.
9. Remove the cotter pin, washer and dust seal from the pivot shaft on the frame.
10. Slide the brake pedal and dust seal off the pivot shaft on the frame.
11. Install by reversing these removal steps, noting the following.
12. Apply grease to the pivot shaft prior to installing the brake pedal. Be sure that the return spring is properly attached.
13. Adjust the rear brake as described in Chapter Three.



**Table 1 BRAKE SPECIFICATIONS**

|                          | <b>New</b>                           | <b>Service limit</b> |
|--------------------------|--------------------------------------|----------------------|
| <b>Brake drum</b>        |                                      |                      |
| ATC70                    | NA                                   | NA                   |
| 1973-1974                | 130.0-130.02 mm<br>(5.122-5.125 in.) | 131 mm (5.161 in.)   |
| 1978-on                  |                                      |                      |
| ATC90                    | NA                                   | 140.6 mm (5.54 in.)  |
| ATC110                   | 139.9-140.1 mm<br>(5.51-5.52 in.)    | 141 mm (5.55 in.)    |
| ATC125M                  |                                      |                      |
| Front                    | 110 mm (4.3 in.)                     | 111 mm (4.4 in.)     |
| Rear                     | 140 mm (5.5 in.)                     | 141 mm (5.55 in.)    |
| <b>Brake shoe lining</b> |                                      |                      |
| ATC90                    | NA                                   | 1.5 mm (0.06 in.)    |
| All other models         | NA                                   | 2.0 mm (0.1 in.)     |

NA—Honda does not provide specifications for all models.

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